



For Crane, Hoist and
General Engineering Purposes
Construction :
6 Strands
19 Wires per Strand
1 Fiber Core

6 × 19 + FC

| Diameter of Rope(mm) | Minimum Breaking Load | | | | | | Approx. Weight per meter(kg/m) |
|----------------------|--------------------------------|--------|--------------------------------|--------|---------------------------|--------|--------------------------------|
| | A & BG(165kg/mm ²) | | B & CG(180kg/mm ²) | | C(200kg/mm ²) | | |
| | kN | Tonnef | kN | Tonnef | kN | Tonnef | |
| 8 | 34.5 | 3.52 | 36.8 | 3.75 | 40.8 | 4.16 | 0.233 |
| 9 | 43.7 | 4.46 | 46.5 | 4.74 | 51.7 | 5.27 | 0.295 |
| 9.5 | 48.6 | 4.96 | 51.8 | 5.28 | 57.6 | 5.87 | 0.328 |
| 10 | 53.9 | 5.50 | 57.5 | 5.86 | 63.7 | 6.50 | 0.364 |
| 11.2 | 67.7 | 6.90 | 72.1 | 7.35 | 79.9 | 8.15 | 0.457 |
| 12 | 77.6 | 7.91 | 82.8 | 8.44 | 91.7 | 9.35 | 0.524 |
| 12.5 | 84.2 | 8.59 | 89.7 | 9.15 | 99.5 | 10.20 | 0.569 |
| 14 | 105.9 | 10.80 | 112.8 | 11.50 | 125.5 | 12.80 | 0.713 |
| 16 | 138.3 | 14.10 | 147.1 | 15.00 | 163.8 | 16.70 | 0.932 |
| 18 | 174.6 | 17.80 | 186.3 | 19.00 | 205.9 | 21.00 | 1.180 |
| 19.1 | 196.1 | 20.00 | 209.9 | 21.40 | 232.4 | 23.70 | 1.330 |
| 20 | 215.7 | 22.00 | 229.5 | 23.40 | 255.0 | 26.00 | 1.460 |
| 22.4 | 270.7 | 27.60 | 288.3 | 29.40 | 319.7 | 32.60 | 1.830 |
| 24 | 310.9 | 31.70 | 330.5 | 33.70 | 367.7 | 37.50 | 2.100 |
| 25 | 337.3 | 34.40 | 358.9 | 36.60 | 399.1 | 40.70 | 2.280 |
| 26 | 364.8 | 37.20 | 388.3 | 39.60 | 431.5 | 44.00 | 2.460 |
| 28 | 422.7 | 43.10 | 450.1 | 45.90 | 499.2 | 50.90 | 2.850 |
| 30 | 485.4 | 49.50 | 516.8 | 52.70 | 573.7 | 58.50 | 3.280 |
| 31.5 | 535.4 | 54.60 | 569.8 | 58.10 | 632.5 | 64.50 | 3.610 |
| 33.5 | 605.1 | 61.70 | 644.3 | 65.70 | 714.9 | 72.90 | 4.080 |
| 35.5 | 679.6 | 69.30 | 723.7 | 73.80 | 803.2 | 81.90 | 4.590 |
| 36 | 699.2 | 71.30 | 744.3 | 75.90 | 826.7 | 84.30 | 4.720 |
| 37.5 | 758.1 | 77.30 | 808.1 | 82.40 | 896.3 | 91.40 | 5.120 |
| 38 | 778.6 | 79.40 | 829.6 | 84.60 | 919.9 | 93.80 | 5.260 |
| 40 | 863.0 | 88.00 | 918.9 | 93.70 | 1,019.9 | 104.00 | 5.820 |
| 42 | 951.2 | 97.00 | 1,010.1 | 103.00 | 1,118.0 | 114.00 | 6.420 |
| 42.5 | 973.8 | 99.30 | 1,039.5 | 106.00 | 1,147.4 | 117.00 | 6.570 |
| 44 | 1039.5 | 106.00 | 1,108.2 | 113.00 | 1,225.8 | 125.00 | 7.050 |
| 45 | 1088.5 | 111.00 | 1,167.0 | 119.00 | 1,284.7 | 131.00 | 7.370 |
| 46 | 1137.6 | 116.00 | 1,216.0 | 124.00 | 1,343.5 | 137.00 | 7.700 |
| 47.5 | 1216.0 | 124.00 | 1,294.5 | 132.00 | 1,441.6 | 147.00 | 8.210 |
| 50 | 1353.3 | 138.00 | 1,431.8 | 146.00 | 1,598.5 | 163.00 | 9.100 |
| 53 | 1515.1 | 154.50 | 1,608.3 | 164.00 | 1,794.6 | 183.00 | 10.220 |
| 56 | 1691.6 | 172.50 | 1,794.6 | 183.00 | 2,000.6 | 204.00 | 11.420 |
| 60 | 1941.7 | 198.00 | 2,059.4 | 210.00 | 2,301.6 | 234.70 | 13.100 |
| 63 | 2140.8 | 218.30 | 2,275.1 | 232.00 | 2,538.0 | 258.80 | 14.450 |